

| Ref # | Hits | Search Query       | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|--------------------|---|------------------|---------|------------------|
| L1    | 1469 | 445/24 and plasma  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2005/08/16 08:41 |
| L2    | 437  | 445/25 and plasma  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2005/08/16 08:39 |
| L3    | 88   | 2 NOT 1            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2005/08/16 08:39 |
| L4    | 23   | 445/70 and plasma  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2005/08/16 09:02 |
| L5    | 1    | 445/71 and plasma  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2005/08/16 08:39 |
| L6    | 39   | 445/40 and plasma  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2005/08/16 08:41 |
| L7    | 35   | 445/41 and plasma  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2005/08/16 08:41 |
| L8    | 23   | 445/42 and plasma  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2005/08/16 08:41 |
| L9    | 42   | 445/43 and plasma  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2005/08/16 08:41 |
| L10   | 26   | 445/44 and plasma  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2005/08/16 08:42 |
| L11   | 20   | 445/53 and plasma  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2005/08/16 08:42 |
| L12   | 1314 | 313/582 and plasma | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2005/08/16 08:42 |

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| L13 | 291  | 313/583 and plasma   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/08/16 08:43 |
| L14 | 56   | 13 not 12  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/08/16 08:42 |
| L15 | 775  | 313/584 and plasma   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/08/16 08:43 |
| L16 | 127  | 15 not (1 or 12 or 13)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/08/16 08:43 |
| L17 | 2369 | (plasma near3 (display or panel))<br>and (seal\$3 or bond\$3 or bind\$3<br>or encapsulat\$3) and (mov\$4) and<br>(gas) and (substrate or panel or<br>plate)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/08/16 08:59 |
| L18 | 1636 | (plasma near3 (display or panel))<br>and (seal\$3 or bond\$3 or bind\$3<br>or encapsulat\$3) and (mov\$4) and<br>(gas) and (substrate or panel or<br>plate) and heat\$4                                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/08/16 08:59 |
| L19 | 1203 | (plasma near3 (display or panel))<br>and (seal\$3 or bond\$3 or bind\$3<br>or encapsulat\$3) and (mov\$4) and<br>(gas) and (substrate or panel or<br>plate) and heat\$4 and (vacuum\$4<br>or exhaust\$4) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/08/16 09:00 |
| L20 | 5    | 445/72 and plasma  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/08/16 09:02 |
| L21 | 21   | 445/73 and plasma  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/08/16 09:02 |
| S1  | 12   | 445/70 and plasma  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/16 08:39 |
| S2  | 239  | 445/25 and plasma  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/08/16 08:35 |

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| S3  | 128 | 445/25 and (plasma near display)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2003/02/13 16:03 |
| S4  | 25  | 445/40 and plasma  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2003/02/13 16:36 |
| S5  | 25  | 445/40 and plasma  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2003/02/13 16:40 |
| S6  | 27  | 445/41 and plasma  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2003/02/14 07:56 |
| S7  | 18  | 445/42 and plasma  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2003/02/13 16:47 |
| S8  | 29  | 445/43 and plasma  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2003/02/13 16:51 |
| S9  | 27  | 445/44 and plasma  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2003/02/14 10:01 |
| S10 | 985 | 445/24 and (plasma)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2003/02/14 10:01 |
| S11 | 117 | 445/24 and (plasma near3<br>(display or panel)) same (seal\$3)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/08/16 08:40 |
| S12 | 138 | 445/24 and (plasma near3<br>(display or panel)) same (seal\$3<br>or bond\$3 or bind\$3 or<br>encapsulate\$3) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2003/02/14 11:06 |
| S13 | 139 | 445/24 and (plasma near3<br>(display or panel)) same (seal\$3<br>or bond\$3 or bind\$3 or<br>encapsulat\$3)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/08/16 08:40 |
| S14 | 380 | 445/24 and (plasma near3<br>(display or panel)) and (seal\$3 or<br>bond\$3 or bind\$3 or<br>encapsulat\$3)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/08/16 08:57 |

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| S15 | 171 | 445/24 and (plasma near3 (display or panel)) and (seal\$3 or bond\$3 or bind\$3 or encapsulat\$3) and (introduc\$4 or tubulation or exhaust\$3 or port)  | US-PGPUB; USPAT; EPO; JPO; DERWENT        | OR | ON  | 2003/02/19 08:48 |
| S16 | 2   | ("6057643").PN.  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2003/02/14 11:22 |
| S17 | 2   | ("5917283").PN.  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2003/02/14 11:24 |
| S18 | 2   | ("5525862").PN.  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2003/02/14 11:24 |
| S19 | 151 | 445/24 and (plasma near3 (display or panel)) and ((substrate or plate) same (seal\$3 or bond\$3 or bind\$3 or encapsulat\$3)) and (introduc\$4 or tubulation or exhaust\$3 or port)  | US-PGPUB; USPAT; EPO; JPO; DERWENT        | OR | ON  | 2003/02/19 08:57 |
| S20 | 0   | 445/24 and (plasma near3 (display or panel)) and ((substrate or plate) same (seal\$3 or bond\$3 or bind\$3 or encapsulat\$3)) and (introduc\$4 or tubulation or exhaust\$3 or port) and ((glass adj frit adj sealant) and gas) | US-PGPUB; USPAT; EPO; JPO; DERWENT        | OR | ON  | 2003/02/19 09:00 |
| S21 | 133 | 445/24 and (plasma near3 (display or panel)) and ((substrate or plate) same (seal\$3 or bond\$3 or bind\$3 or encapsulat\$3)) and (introduc\$4 or tubulation or exhaust\$3 or port) and gas                                    | US-PGPUB; USPAT; EPO; JPO; DERWENT        | OR | ON  | 2003/02/19 11:32 |
| S22 | 72  | 445/25 and (plasma near3 (display or panel)) and ((substrate or plate) same (seal\$3 or bond\$3 or bind\$3 or encapsulat\$3)) and (introduc\$4 or tubulation or exhaust\$3 or port) and gas                                    | US-PGPUB; USPAT; EPO; JPO; DERWENT        | OR | ON  | 2003/02/19 12:19 |
| S23 | 5   | 445/70 and (plasma near3 (display or panel)) and ((substrate or plate) same (seal\$3 or bond\$3 or bind\$3 or encapsulat\$3)) and (introduc\$4 or tubulation or exhaust\$3 or port) and gas                                    | US-PGPUB; USPAT; EPO; JPO; DERWENT        | OR | ON  | 2003/02/19 12:21 |

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| S24 | 4   | 445/53 and (plasma near3 (display or panel)) and ((substrate or plate) same (seal\$3 or bond\$3 or bind\$3 or encapsulat\$3)) and (introduc\$4 or tubulation or exhaust\$3 or port) and gas  | US-PGPUB; USPAT; EPO; JPO; DERWENT        | OR | ON  | 2003/02/19 12:22 |
| S25 | 162 | 313/582 and (plasma near3 (display or panel)) and ((substrate or plate) same (seal\$3 or bond\$3 or bind\$3 or encapsulat\$3)) and (introduc\$4 or tubulation or exhaust\$3 or port) and gas | US-PGPUB; USPAT; EPO; JPO; DERWENT        | OR | ON  | 2003/02/19 12:41 |
| S26 | 38  | 313/583 and (plasma near3 (display or panel)) and ((substrate or plate) same (seal\$3 or bond\$3 or bind\$3 or encapsulat\$3)) and (introduc\$4 or tubulation or exhaust\$3 or port) and gas | US-PGPUB; USPAT; EPO; JPO; DERWENT        | OR | ON  | 2003/02/19 12:45 |
| S27 | 118 | 313/584 and (plasma near3 (display or panel)) and ((substrate or plate) same (seal\$3 or bond\$3 or bind\$3 or encapsulat\$3)) and (introduc\$4 or tubulation or exhaust\$3 or port) and gas | US-PGPUB; USPAT; EPO; JPO; DERWENT        | OR | ON  | 2003/02/19 14:01 |
| S28 | 2   | ("5797780").PN.  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2003/02/20 08:06 |
| S29 | 2   | ("5938494").PN.  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2003/06/06 08:25 |
| S30 | 2   | ("5797780").PN.  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2003/06/06 08:25 |
| S31 | 2   | ("5938494").PN.  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2004/09/08 08:48 |
| S32 | 2   | ("5797780").PN.  | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2004/09/08 08:48 |

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| S33 | 2   | ("5938494").PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2004/09/08 11:38 |
| S34 | 2   | ("5797780").PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2004/09/08 13:52 |
| S35 | 3   | "5938494".URPN.   | USPAT   | OR | OFF | 2004/09/08 11:45 |
| S36 | 3   | "5938494".URPN.   | USPAT   | OR | OFF | 2004/09/08 13:47 |
| S37 | 2   | ("3827776"   "3918136").PN.   | USPAT   | OR | OFF | 2004/09/08 13:50 |
| S38 | 0   | "445"/\$ and (robatic with arm)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT           | OR | OFF | 2004/09/08 13:52 |
| S39 | 19  | "445"/\$ and (robotic with arm)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT           | OR | OFF | 2004/09/08 13:55 |
| S40 | 21  | "445"/\$ and (robotic with arm)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT           | OR | ON  | 2004/09/08 14:00 |
| S41 | 2   | ("4799911"   "4799912").PN.   | USPAT   | OR | OFF | 2004/09/08 13:57 |
| S42 | 0   | "6004181".URPN.   | USPAT   | OR | OFF | 2004/09/08 13:57 |
| S43 | 0   | "6004181".URPN.   | USPAT   | OR | OFF | 2004/09/08 13:57 |
| S44 | 2   | ("4799911"   "4799912").PN.   | USPAT   | OR | OFF | 2004/09/08 13:57 |
| S45 | 485 | (plasma with display) and<br>(chamber) and (join\$4) and (gas)<br>and (seal\$4) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT           | OR | ON  | 2004/09/08 14:02 |
| S46 | 2   | ("5909994"   "5934856").PN.   | USPAT   | OR | OFF | 2004/09/08 14:24 |
| S47 | 2   | "6004181"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT           | OR | ON  | 2004/12/09 09:38 |
| S48 | 8   | "6186722"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT           | OR | ON  | 2004/12/09 09:38 |
| S49 | 397 | 445/25 and plasma   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT           | OR | ON  | 2004/12/09 09:51 |

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| S50 | 18 | 445/70 and plasma | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2004/12/09 10:26 |
| S51 | 7  | "5938494"         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2004/12/09 14:27 |
| S52 | 5  | "5797780"         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2004/12/09 14:27 |